M. A. R. 57 (Rule 116) No. E

Measurement Book

586066

Serial No. 4th and final Bill

Name of work Improvements to roads, drains and other developmental works at Akshaya, Tirumala nagar, Attur layout, Santhosh nagara, Muneshwara layout, SRi sai layout, B Sector and surrounding areas in Ward no 03 & 04 of Yelahanka Division under Amruth Nagarothan grants [Package no-03]

Date of commencement of work

Est- Cost — 2135.00 lakhs

Job Code no — 003-23-000004

Name of Contractor — SRi. K. Venkatarayu

Work order no — BBMP/EE/YNK-D/EAMT-06/W-03/33/2022-23 @ dated 03-09-2022

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Removing and Resetting of Foot Path Slab and Pointing in C.M (1:3) [Approved Rate]						
	qty ABove 125-/- = 294.23 Sqm @ Rs 259-93 = 76479-00						
	2) Earthwork Excavation by manual means for drains, Canals, waste weir, draft, approach channels, key trenches, foundations of bridges and such similar works.						
	qty 518-70 Cum @ Rs 336-25 = 174417-00.						

M. A. R. 57 (Rule 116) No. E
Measurement Book

586067

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) Providing and laying in Position Plain cement concrete for levelling course for all works in foundation - the granite/trap) basalt crushed graded coarse aggregates. qty 127.65 cum @ Rs 6362.29 = 812169.00						
	5) Providing and laying in Position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges. qty 11.40 cum @ Rs 7265.75 = 82808.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Providing and fixing precalt reinforced cement concrete Coursing slab of 10cm thick made of M20 with OPC Cement, with 20mm and down size graded granite metal coarse aggregate.						
	Qty 245.78 Sqm @RS 2083.49 = 512070.00						
	8) Providing and laying in Position Plain cement concrete for levelling course for all works in foundations. The granite trap/basalt crushed graded coarse aggregates.						
	Qty 29.30 Cum @RS 6554.75 = 192072.00						

	9) Providing and fi						
	stones made out o						
	respectively.						
	Qty 3256.00 NOS						
	10) Painting two c						
	synthetic enam						
	Qty 1708.81 Sqm						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 586068

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9) Providing and fixing Pre cast Solid Cement concrete kerb stones made out of M20 with top and bottom width 114 & 165mm respectively.						
	qty 3256.00 Nos @ Rs 509.81 = 1659946.00						
	10) Painting two coats after filling the surface with synthetic enamel Paint in all shades.						
	qty 1708.81 Sqm @ Rs 94.02 = 160660.00						

MEASUREMENT BOOK

	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
1)	Earthwork in Surface Excavation by mechanical means for lowering & levelling the ground for all works.						
	qty upto 125%.					418.20 Cum @ Rs 71.90	= 30069.00
	qty Above 125%.					2760.20 Cum @ Rs 71.90	= 198449.00
2)	Construction of Granular Sub-base of required grading as per design mixing in a mechanical mix Plant at OMC, Carriage of mixed to work site.						
	qty upto 125%.					954.62 Cum @ Rs 2596.00	= 2478221.00
	qty Above 125%.					289.81 Cum @ Rs 2596.00	= 752339.00

Serial No.
Name of work
Name of Contractor or nature of Age
Date of commencement of work

Date	Full description, etc. of wo
1	2
13)	Providing, layi aggregate to qty upto 125% qty Above 12
14)	Providing an Emulsion @ Cleaning of r qty 760

M. A. R. 57 (Rule 116) No. E 586069
Measurement Book

Serial No .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	13) Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification.						
	qty upto 125% - 772.21 cum @ Rs 2648-00 = 2044813.00						
	qty Above 125% - 973.03 cum @ Rs 2648-00 = 2576586.00						
	14) Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface.						
	qty 7600-13 @ Rs 48.67/sqm = 369886-00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	15) Providing and applying tack coat with RS1 Bituminous Emulsion using Emulsion Pressure. qty 17254.48 Sqm @ Rs 13.27 = 229023.00						
	16) Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH Capacity HMP using crushed aggregates. qty 518.96 cum @ Rs 10938.22 = 5676449.00						
	17) Providing and laying Bituminous Concrete with 40/60 TPH Capacity hot mix Plant using crushed aggregates. qty 690.48 cum @ Rs 12754.44 = 8802850.00						

M. A. R. 57 (Rule 116) No. E 586070
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	18) Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beds @ 250 g/m2 area. q+y 420.77 Sqm @Rs 528.72 = 222468.00						
	19) dismantling of cement concrete Pavement by mechanical means using Pneumatic tools, breaking to Pieces. q+y 433.11 Cum @Rs 466.77 = 202167.00						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	20) Providing and laying in Position Plain cement for levelling course For all works in Foundation. The granite/trap/basalt crushed grade coarse aggregate.						
	qty 320.84 Cum @ Rs 5503.95 = 1765873.00						
	21) Providing and constructing un-Reinforced Plain cement concrete Pavement, thickness as Per design, over a Prepared Sub base with 43 grade cement or any other type as Per Clause 1501 2.2 M30 (grade), coarse and fine aggregate						
	qty 320.84 Cum @ Rs 7562.41 = 2426303.00						

M. A. R. 57 (Rule 116) No. E 586071
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	22) Providing and laying duty cobble stones 60mm thick. interlock Pavers, using cement & Coarse sand for manufacture of blocks. qty 785.62 Sqm @ Rs 1202.33 = 944579.00						
	23) Cost of Haulage Excluding loading and unloading Taking Output lot load & lead 1km = 1 t-km qty 5307.06 t-km @ Rs 106.19 = 563534.00						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	27) Providing size stone masonry with hard stone in foundation and Plinth with cement mortar.						
	qty upto 125 %- = 50.46 Cum @ Rs 5997.27 = 302641.00						
	qty Above 125 %- = 2.47 Cum @ Rs 5997.27 = 14814.00						
	29) Providing thermo-mechanically Treated bars of grade Fe-500D & more steel Reinforcement for R.C.C. work including straightening, cutting, bending.						
	qty 26.86 Kgs @ Rs 117.25 = 3150.00						

M. A. R. 57 (Rule 116) No. E
Measurement Book

586072

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	31) Providing and constructing load bearing wall with solid concrete blocks of size 400x100x200 mm having block density more than 1800 kg/m3.						
	q+y above 125%.		- 150.24			cum @ Rs 1046.37 = 157210.00	
	33) Providing Home wood frames to doors, windows, clevestory windows, ventilators and other Frames, Wrought, Framed.						
	q+y Above 125%.		- 1.83			sqm @ Rs 9998.69 = 18247.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	35) Providing and fixing Flush door shutter made out of Solid core block board type, well seasoned. qty 27.12 Sqm @Rs 2917.89 = 79134.00						
	36) Providing & fixing of 2 track x 2 Panel sliding window made out of multi chambered uPVC [matching to RAL-9016] sections and with minimum. qty 21.96 Sqm @Rs 4550.50 = 99929.00.						

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Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	37) Providing and fixing ms grills of required Pattern in frames of windows etc with m.s Flats. qty 271.32 Sqm @ 144.90 = 39315.00.						
	38) Providing and fixing 1mm thick m.s. sheet door with Frame of 40x40x6mm angle iron and 3mm m.s gusset Plates.						
	qty upto 125/-	- 11.81 Sqm @ 4048.33 = 47811.00					
	qty Above 125/-	- 5.20 Sqm @ 4048.33 = 21052.00					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	39) Providing 15mm cement Plaster on rough side of single or half brick wall of mix 1:4 (1 cement : 4 fine sand).						
	qty Above 125% — 1596 @ Rs 279.84 = 4467.00						
	40) Providing 20mm cement Plaster of mix 1:4 (1 cement : 4 Fine Sand) to brick/stone masonary.						
	qty 314.60 @Rs 339.57 = 106829.00						
	41) Providing and laying flooring and steps fine machine Polished granite stone slabs 20mm thick.						
	qty upto 125% = 285.11 Sqm @Rs 2655.75 = 757181.00						
	qty Above 125% = 38.48 Sqm @Rs 2655.75 = 102194.00						

M. A. R. 57 (Rule 116) No. E 586074
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	42) Providing and laying ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by manufacturer). qty 24.75 Sqm @ Rs 855.00 = 21162.00						
	43) Providing skirting, dadooing, risers of steps with white glazed tiles 6mm thick on 10mm thick cement plaster. qty 55.57 Sqm @ Rs 2171.27 = 120658.00						

Reference to last Measurement 8

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= 757181.00
= 102194.00

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	44) Wall Painting with acrylic emulsion Paint of approved brand and manufacture to give an even shade.						
	qty-943.83 Sqm @ Rs 105.08 = 99178.00						
	Q. qty Above 125% - 51.27 Sqm @ Rs 105.08 = 5388.00						
	45) Providing white washing with lime to give an even shade. New work [three coats] with lime of approved quality.						
	qty 599.38 Sqm @ Rs 21.02 = 12597.00						
	46) finishing walls with Acrylic Smooth Exterior Paint of required shade: new work [two coat applied]						
	qty 599.38 Sqm @ Rs 150.43 = 90165.00						

M. A. R. 57 (Rule 116) No. E 586075

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	47) Painting with synthetic enamel Paint of approved brand and manufacture of required colour to give an even shade. qty 18.00 Sqm @ Rs 143.79 = 2589.00						
	48) Prourding and fixing chromium plated brass handles of 100/125mm with necessary. qty 14.00 Nos @ Rs 193.57 = 2710.00						
	49) ~~Prourding and fixing ISI marked m.s pressed butt hinges. qty~~						

Reference to last Measurement 8

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
50)	Providing and fixing bright finished brass tower bolts [barrel type] q+y 8.00 Nos @ Rs 372.76 = 2983.00						
51)	Providing and fixing white vitreous china Pedestal type water closet [European type] q+y 6.00 Nos @ Rs 5536.03 = 33217.00						
52)	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain. q+y 4.00 Nos @ Rs 5136.73 = 20547.00.						

M. A. R. 57 (Rule 116) No. E
Measurement Book 586076

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	53) Providing and fixing white vitreous china flat back half Stall urinal of size 580x380x350mm with white PVC. q+y 2.00 Nos @ Rs 7331.23 = 14663.00						
	54) Providing and fixing chlorinated Polyvinyl Chloride (CPVC) Pipes, having thermal stability. q+y upto 125/- — 11.25 m @ Rs 412.58 = 4642.00 q+y Above 125/- — 38.75 m @ Rs 412.58 = 15988.00						

Reference to last Measurement 8

owly bolds

Pedestal

laboratory

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	57) supplying PVC ringfit Pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite. qty 45.00 m @ Rs 396.18 = 17829.00						
	58) Providing and fixing gun metal non-return valve of approved quality [Screwed end]. qty 6.00 Nos @ Rs 611.67 = 3671.00						
	59) Providing and Fixing ball valve [brass] of approved quality 1high & low Pressure, with plastic floats. qty 4.00 Each @ Rs 398.20 = 1593.00.						

M. A. R. 57 (Rule 116) No. E

Measurement Book

586077

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
60)	Providing and fixing 8mm Pillar cock of approved quality and colour 15mm nominal bore. Qty 6.00 @ Rs 243.34 = 1461.00						
61)	Bottle tvap 38mm Single Piece moulded with height of 270mm, Effective length of tail Pipe 260mm. Qty 6.00 @ Rs 269.89/Each = 1620.00						
63)	Providing and fixing steel work welded in built up sections/ Qty above 125/- + 495.00 kg @ Rs 147.11 = 72821.00						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	73) Point wiring using copper wire without switch, supplying and wiring adopting loop system. qty 25.00 Point @RS 252.39 = 6310.00						
	74) Medium Point a above 3m upto to 6m from tapping point to Outlet via switch qty 5.00 Point @RS 363.00 = 1816.00						
	75) long Point a above 6m upto 10m from tapping point to Outlet via switch qty 20.00 Point @RS 545.00 = 10901.00.						

M. A. R. 57 (Rule 116) No. E
Measurement Book 586078

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	76) Supplying and fixing miniature circuit breakers in Existing MCB distribution boards using necessary. qty 12.00 Each @ RS 525.90 = 6311.00.						
	77) 6-32 Amps DP qty 18.00 Each @ RS 1109.12 = 19965.00						
	78) 40 Amps TPN qty 8.00 Each @ RS 2406.27 = 19251.00.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	79) 50-63 AMPS SP. qty 8.00 Each @RS 738.07 = 5905-00						
	80) Supplying and Fixing Regular mcb distribution boards on wall / wood board / flush mounting. qty 5.00 Each @RS 1599.82 = 8000-00						
	81) Supplying and fixing regular mcb distribution boards on wall / wood board / flush mounting using required clamps, bolts / nuts etc. qty 5.00 Each @RS 3755.71 = 18779-00						

M. A. R. 57 (Rule 116) No. E

Measurement Book

586079

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	82) Supplying and Fixing 32 Amps security and Energy saving DP Switch with key tag suitable. qty 5.00 Each @RS 751.14 = 3756.00						
	83) supplying and flush mounting Powder coated / galvanized metal box suitable for mounting modular switch plates. qty 25.00 Each @ RS 123.68 = 3093.00.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	84) Supplying and fixing of 20/40 watt heavy duty open construction ferromagnetic copper ballast for fluroscent tubes. qty 20-00 Each @RS 301-66 = 6034-00						
	85) Supply and fixing metal D fan box with hound hook qty 12.00 Nos @RS 163.90 = 1967.00						
	86) Supplying and fixing of modular switch & connected accessories on Existing modular switch - 6Amps sfswitch qty 50.00 Each @RS 88.49 = 4425-00.						

M. A. R. 57 (Rule 116) No. E 586080
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
87)	6 AMPS 3way 5 Pin Socket qty 20.00 Each @ RS 162.90 = 3258.00						
88)	16 AMPS SP Switch qty 10.00 Each @ RS 250.38 = 2504.00						
89)	32 AMPS Flush/ Prosected types DP Switch qty 10.00 Each @ 377.08 = 3771.00.						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	90> Supplying and Flush mounting Powder coated 1ga/Galvanized Metal box suitable for mounting modular switch plates. 1-3way.						
	qty 20.00 Each @ Rs 123.68 = 2474.00						
	91> 4-5 way						
	qty 20.00 Each @ Rs 138.77 = 2776.00						
	92> 6 way						
	qty 20.00 Each @ Rs 213.18 = 4264.00						

M. A. R. 57 (Rule 116) No. E 586081

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
93	8 way qty 24-00 Each	@RS 251.39 = 6034.00					
94	10-12way qty 16.00 Each	@RS 326.80 = 5229.00					
95	16-way qty 4.00 Each	@RS 355.96 = 1424.00					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	96) Supplying and fixing Superior quality modular switch mounting Polycorbonate Plate with necessary supporting back Plate. 1 to 3 module						
	qty 20.00 Each @ RS 152.84 = 3057.00						
	97) 4 moudule.						
	qty 20.00 Each @ RS 176.97 = 3540.00						
	98) 6 moudule						
	qty 20.00 Each @ RS 245.35 = 4908.00						

M. A. R. 57 (Rule 116) No. E 586082

Measurement Book

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
99)	8 moudule Qty 24.00 Each @ RS 303.67					= 7289.00	
100)	10moudule. Qty 16.00 Each @ RS 365.01					= 5841.00	
101)	12 moudule. Qty 4.00 Each @ RS 405.23					= 1621.00	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to fast Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
105>	Geophysical investigation at site for sinking borewells for supplying drinking water to the habitation either through the hand pump mws or P.W.S.S by vertical electrical sounding. qty 1.00 Nos @ Rs 5686.46 = 5687.00						
106>	Sinking of Bore well of 165mm dia clear using Super Fast hydraulic Rig of Capacity 300 PSI & above 1100 cmf.						
	0 to 50 m —		50.00 m	@ Rs 320.77		= 16039.00	
107>	50 to 100 m —		50.00 m	@ Rs 402.62		= 20132.00	
108>	100 to 150 m —		50.00 m	@ Rs 428.06		= 21404.00.	

M. A. R. 57 (Rule 116) No. E 586083
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	109) 150 to 200m - qty 50.00m @ Rs 496.64 = 24832.00						
	110) 200 to 250m - qty 50.00m @ Rs 582.91 = 29146.00.						
	111) 250 to 300m - qty 39.00m @ Rs 617.20 = 24071.00.						
	113) Supply of ISI mark, 175mm nominal bore Plain and steel Casing Pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest amendments. qty 70.00 @ Rs 2138.09/Rmt = 149667.00						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	~~114> Supply and delivery of galvanized mild steel tubes of 6mtr. standard length heavy duty (Excl. of T.~~						
	115> PVC Pipe -OD 250mm & 6kg/8kg/cm. qty 6.00 Rmtr @ Rs 1216-71 = 7301-00						
	116> Supplying & drawing 3 core Flat Pvc shethed Submessible Pump Cable manufactured with electrolytic grade copper. qty 456.00 m @Rs 243.34 = 111938.00						
	117> Providing, supplying to worksite, submersible Pumpset of 150mm dia suitable for bore well - 15-00HP-120LPM @266m qty 1.00 Nos @ 76606-27 = 76607.00						

Serial No. .....
Name of work .....
Name of Contractor o
Date of commenceme

Date	Full desc
1	
	118> Earthing for gr board. qty
	119> Supply thick P qty
	120> Supply Existi qty

M. A. R. 57 (Rule 116) No. E
Measurement Book

586081

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	118) Earthing, Supplying and Fixing and wiring Earth Electrode. For grounding circuits IC cut outs and other Equipment on meter board.						
	qty 1.00 Job @ Rs 4147.87 = 4148.00						
	119) Supply and Fixing Polished Wood board made of not less than 15mm thick Plant on both sides.						
	qty 1.00 Each @ Rs 316.75 = 317.00						
	120) Supplying & Fixing of Porcelain Fuse channel with cut out on Existing Wooden Panel using necessary nuts.						
	qty 1.00 Each @ Rs 374.06 = 375.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
121)	Supplying & fixing miniature circuit breakers on Existing MCB distribution boards using necessary fixing material island. qty 1.00 Each 2412.30 = 2413-00						
122)	Earthwork Excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, Foundation of bridges. qty 10-80 Cum @ Rs 205-73 = 2222-00						
123)	Supplying and filling in Plinth with sand under floors, foundation of bridges including watering. qty 3-60 Cum @ Rs 2407-98 = 8669-00.						

Serial No.
Name of work
Name of Contractor
Date of commencem

Date	Full des
1	
124)	Suppl... with qty
125)	Refill... layers qty
126)	Supp... by

Reference to last measurement 8

Existing
esal island.

3, Canals,
Foundation.

3 Floors,

M. A. R. 57 (Rule 116) No. E
Measurement Book

586085

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	124) Supplying PVC Rigid Pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite. qty 40.00 mtr @ Rs 169.30 = 6772.00						
	125) Refilling available earth around trenches / Pipeline, Cable in layers not Exceeding 20cm in depth. qty 10.80 cum @ Rs 135.02 = 1459.00						
	126) Supplying fully automatic star delta Starter unit Push button type with suitable wires, 3 contactors qty 1.00 Nos @ Rs 8687.20 = 8688.00						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	EIRL						
E1>	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting fully weather proof with provision. qty 22000 Sq Cm @ Rs 0-38 = 8406-00						
E2>	labour charges for Erection of outdoor type Panel board and meter board units with all necessary materials. qty 1-00 Job @ Rs 1493-17 = 1494-00						
E3>	Digging of trench of 0.6 M deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc. qty 25-00 mtr @ Rs 407-23 = 10181-00						

M. A. R. 57 (Rule 116) No. E

Measurement Book

586086

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	E4) Earthing :- Supplying and fixing and wiring earth electrode for grounding circuits IC outputs and other Equipments. qty 1.00 Job @ Rs 4147.69 = 4148.00						
	E5) Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI mark. qty 1.00 Each @ Rs 1382.56 = 1383.00						
	E6) Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI mark qty 1.00 Each @ Rs 1410.21 = 1411.00.						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

E7) Supplying, laying and jointing HDPE Pipes of specified grade and conforming to IS 4984-2016 with latest amendments and conveying to work site.
qty 228-00 mtr @Rs 264.35 = 60271-00

Sub total — 36212600-00
GST 18% — 6518268-00
Bescom charges — 11,000-00
Grand total — 42741868-00

Certificate

1) The above work has been completed satisfactorily
2) The debris has been dumped and disposed from work site
3) No departmental issues are made to the contractor.

Date: 30/06/2023

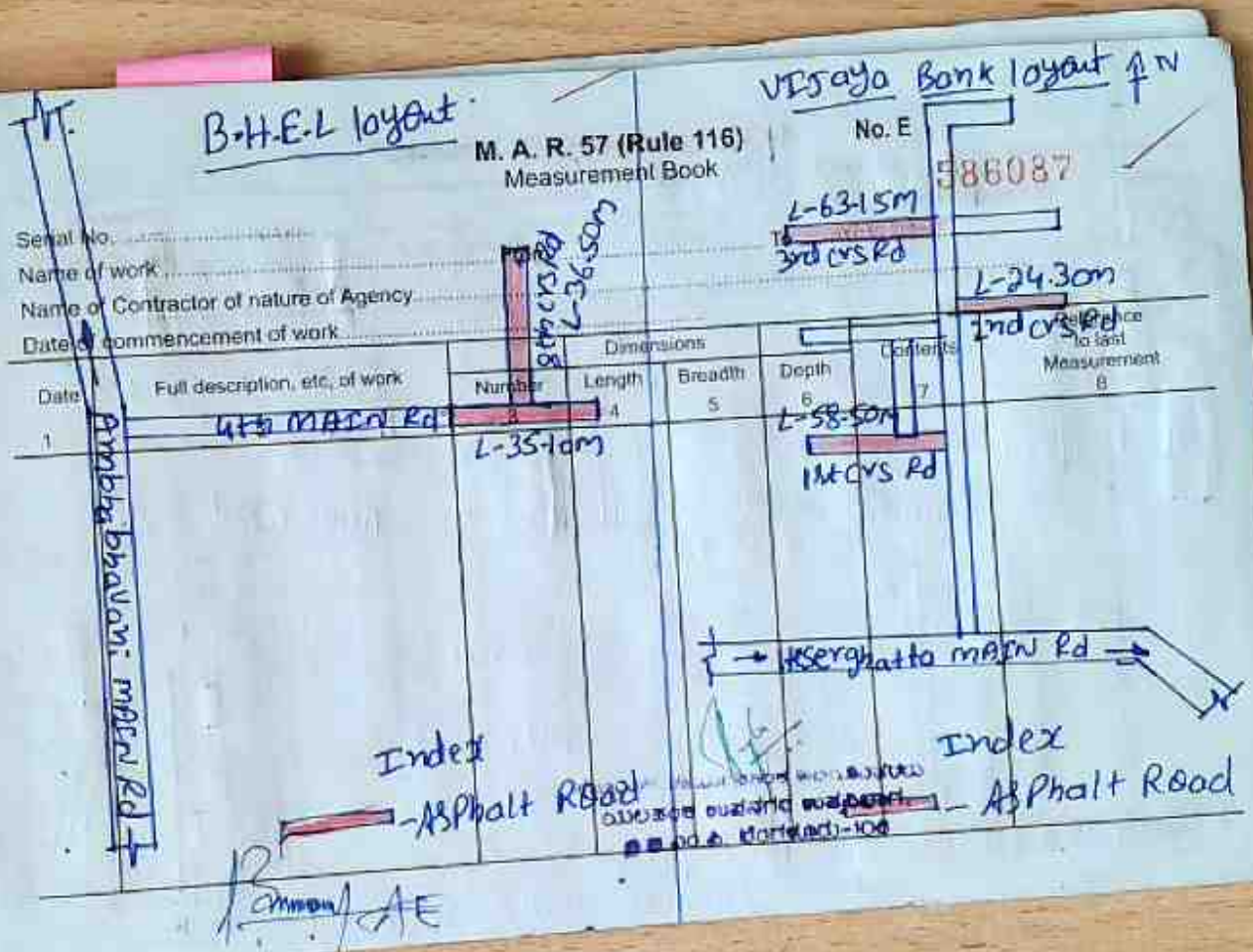
B.H.E.L layout

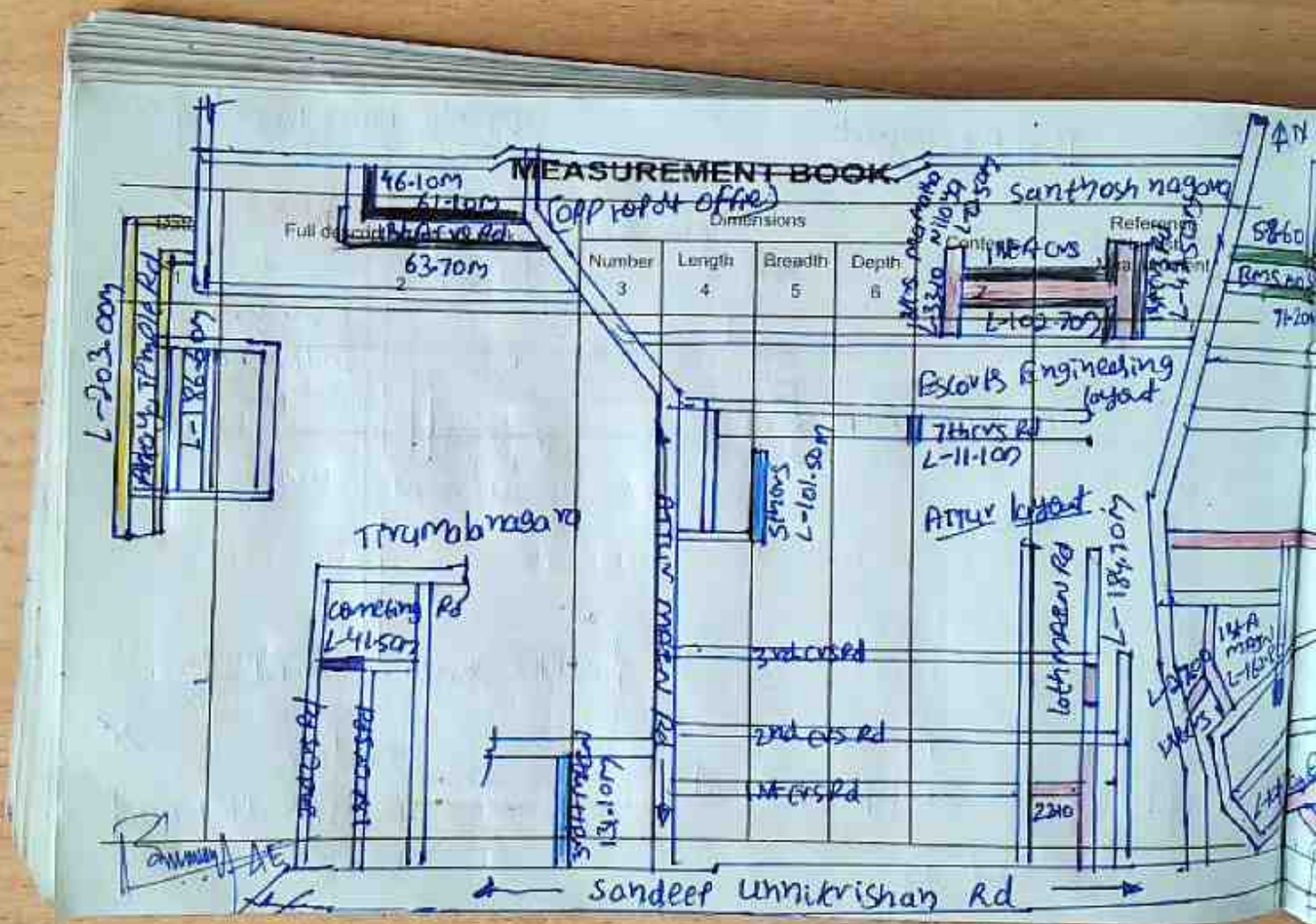
M. A. R. 57 (Rule 116)
Measurement Book

No. E 586087

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1		3	4	5	6	7	8




MEASUREMENT BOOK
(OPP Post office)
Dimensions
Number
Length
Breadth
Depth
3
4
5
6
46-10m
61-10m
63-70m
L-203.00m
L-186.30m
Thumbnagar
L-41.50m
L-101.50m
L-11.10m
L-184.70m
L-102.70m
L-4.50m
L-16.00m
L-101.60m
Sandeep Unnikrishan Rd
Santhosh nagar
Eslovis Engineering layout
Attur layout
7th cvs Rd
3rd cvs Rd
2nd cvs Rd
1st cvs Rd
Attur main Rd
Coneting Rd
Main Rd
2340
5860

M. A. R. 57 (Rule 116) No. E

Measurement Book

586088

5th Phase

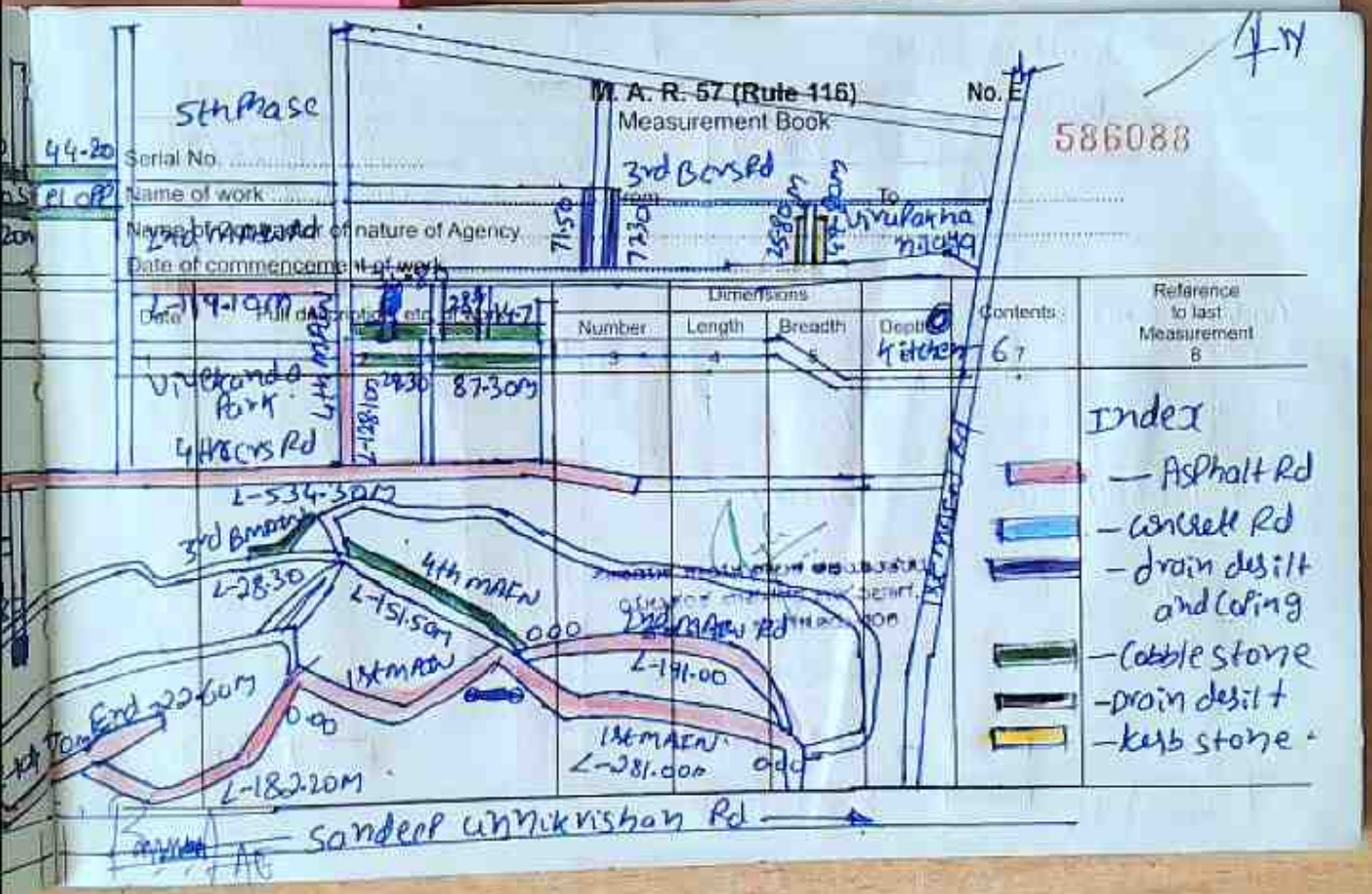
Serial No.

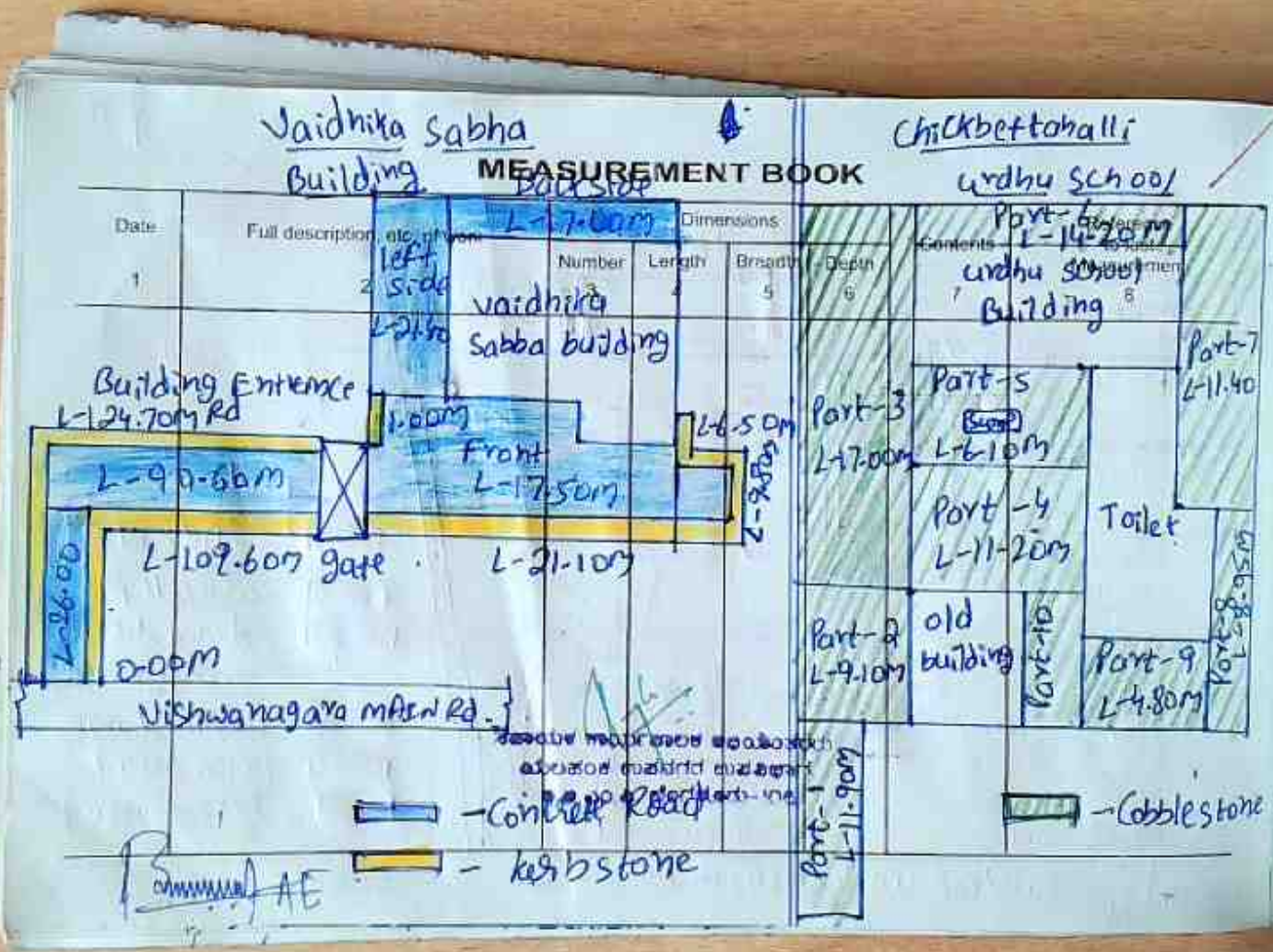
Name of work

Name of contractor or nature of Agency

Date of commencement of work

Date	Particulars	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
		3	4	5	6	7	8




Vaidhika Sabha Building
MEASUREMENT BOOK
Chickbettahalli urdhu School
Date
Full description, etc. of work
Dimensions
Number
Length
Breadth
Depth
Contents
left side
L-21.80m
vaidhika Sabba building
Building Entrance
L-24.70m Rd
1.00m
Front
L-17.50m
L-6.50m
L-2.80m
L-90.60m
L-109.60m gate
L-21.10m
L-26.00
2.00m
Vishwanagara main Rd
Port-6
L-14.20m
urdhu school Building
Port-7
L-11.40
Port-3
L-17.00m
Port-5
L-6.10m
Port-4
L-11.20m
Toilet
Port-2
L-9.10m
old building
Port-10
Port-9
L-4.80m
Port-1
L-11.70m
-Concrete Road
-kerbstone
-Cobblestone
AE

M. A. R. 57 (Rule 116) **No. E** 586089

Measurement Book

Serial No.

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	4th and Final bill		4	5	6	7	8
	Gross Amt	42735000=00					
	PSD	—					
	CC-1	362-212=00					
	Sec	362-212=00					
	I.T	427-410=00					
	L.C	427-410=00					
	CLSS	42741=00					
	Fine	5850=00					
	R	MSP					
	T.D.	1627835=00					
	Net Amt	41107165=00					

Job Code : 003-23-000004

SBR : 74/23-24

Date : 11/1/2024

Audited & Admitted to Rs. 42735000=00

41107165=00

1627835=00

Executive Engineer
Construction Division